

# PATENT ABSTRACTS OF JAPAN

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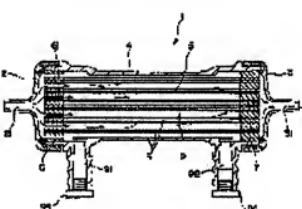
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## (54) HOLLOW FIBER TYPE MODULE AND ITS PRODUCTION

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To obtain a hollow fiber module which reduce the occurrence of concn. polarization and has high removal efficiency by adhering and fixing one end of a hollow fiber bundle by a resin compsn., sealing the open ends of the hollow holes of respective hollow fibers and opening and providing a supporting section formed of the resin compsn. with apertures communicating with the outside of the hollow fibers.



**SOLUTION:** The hollow fiber bundle 5 is housed in a cylindrical casing 4 provided with a closing cap 2 having an injection port 21 for injecting an original liquid to be treated at one end and a closing cap 3 having a discharge port 31 out of which the treated filtrate flows at the other end. The sealing side supporting section 6 for sealing the opening ends of the hollow holes of the respective hollow fibers 51 is formed by adhering and fixing the one end of the hollow fiber bundle 5 at one end of the injection port 21 side in the cylindrical casing 4. The open side supporting section 7 is formed at the other end on the discharge port 31 side in